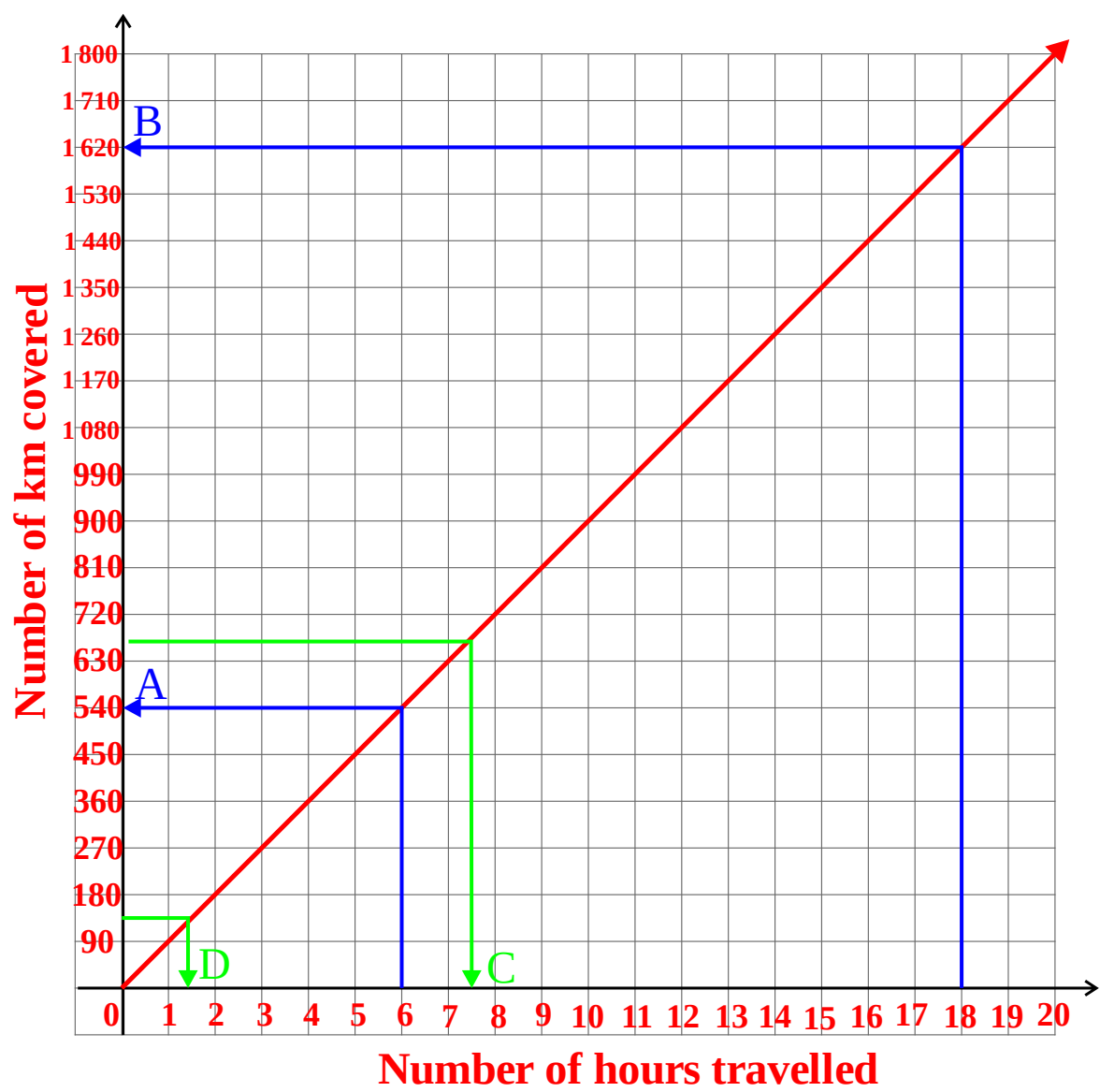


A driver travels at a constant speed, as represented by the following table.

Number of hours travelled (T):	2	3	4	5	9	10	12	20
Number of kilometres covered (K):	180	270	360	450	810	900	1 080	1 800

- (1) What is the constant speed of the car? $180 \div 2 = 90 \text{ km/h}$
- (2) Complete the table.
- (3) Represent the table on a graph.



(4) Use your graph and answer the following questions. Indicate where you have made the readings on the graph.

(a) How many kilometres has the driver covered after 6 hours?

At A: 540 km

(b) How many kilometres has the driver covered after 18 hours?

At B: 1 620 km

(c) How long will it take the driver to cover 675 km?

At C: 7,5 ure

(d) How long will it take the driver to cover 135 km?

At D: 1,5 ure

(e) If the driver could drive at this speed all day and rested for only one hour, how many kilometres would he have covered?

Driver driven: $24 - 3 = 21$ hours.

$\therefore$ Km covered: $21 \times 90 \text{ km} = 1\,890 \text{ km}$